

CLAIMS

1 ①. A method for automatically printing, without a need for
2 user action, a hard copy of transaction information relating to a
3 transaction conducted electronically between a user-side and a
4 supplier-side comprising the steps of:

5 automatically identifying, without reliance on user
6 action, a selected aspect of information regarding said
7 electronic transaction to thereby generate a print request;

8 sending said print request to a printing apparatus; and
9 printing information regarding said electronic
10 transaction in response to said print request.

1 2. The automatic printing method of claim 1 further
2 comprising the step of:

3 storing said information regarding said electronic
4 transaction in a storage medium.

1 3. The automatic printing method of claim 1 wherein the
2 step of automatically identifying comprises the steps of:

3 notifying a control apparatus of communication between
4 the user-side and the supplier-side;

5 monitoring the communication;

6 automatically recognizing, without reliance on user
7 action, a selected aspect of information regarding said
8 electronic transaction; and

9 generating a print request in response to recognizing
10 the selected aspect of information regarding said electronic
11 transaction.

1 4. The method for automatically printing of claim 3 further
2 comprising the step of:

3 storing said information regarding said electronic
4 transaction in a storage medium.

1 5. The method for automatically printing of claim 1,
2 wherein said step of automatically identifying occurs at the
3 user-side.

[illegible]

1 6 A method for automatically printing, without a need for
2 user action, a hard copy of transaction information relating to a
3 transaction conducted electronically between a user-side and a
4 supplier side comprising the steps of:
5 automatically identifying, without reliance on user
6 action, a selected aspect of information regarding said
7 electronic transaction to thereby generate a print request;
8 sending said print request to a printing apparatus via
9 a local area network; and
10 printing information regarding said electronic
11 transaction in response to said print request.

1 7. The automatic printing method of claim 5 further
2 comprising the step of:

3 storing said information regarding said electronic
4 transaction in a storage medium.

1 8. The automatic printing method of claim 5 wherein the
2 step of automatically identifying further comprises the steps of:

3 notifying a control apparatus of communication between
4 the user-side and the supplier-side;

5 monitoring the communication;

6 automatically recognizing, without reliance on user
7 action, a selected aspect of information regarding said
8 electronic transaction; and

9 generating a print request in response to recognizing
10 the selected aspect of information regarding said electronic
11 transaction.

1 9. The automatic printing method of claim 7 further
2 comprising the step of:

3 storing said information regarding said electronic
4 transaction in a storage medium.

1 10. The automatic printing method of claim 6, wherein said
2 step of automatically identifying occurs at the user-side.

11. A system for automatically printing, without a need for user action, a hard copy of transaction information relating to a transaction conducted electronically between a user-side and a supplier-side comprising:

a controller configured to automatically identify, without reliance on any user action, a selected aspect of information regarding said electronic transaction to thereby generate a print request;

a communication circuit coupled with said controller for communicating the print request; and

a printer coupled with said controller for printing information regarding said electronic transaction in response to said print request.

12. The system for automatically printing of claim 11 further comprising:

a storage apparatus coupled with said controller and configured to store the information regarding said electronic transaction.

13. The system for automatically printing of claim 11 wherein said controller comprises:

a notification unit configured to notify of communication between the user-side and the supplier-side;

a monitoring circuit configured to monitor the communication;

7 a recognizing circuit configured to automatically
8 recognize, without reliance on user action, a selected aspect of
9 information regarding the electronic transaction;

10 a print request generator configured to generate, when
11 said selected aspect of information is recognized, a print
12 request to be sent to the printer.

1 14. The system for automatically printing of claim 13
2 further comprising:

3 a storage apparatus for storing the information
4 regarding said electronic transaction.

1 15. The system for automatically printing of claim 11,
2 wherein said controller configured to automatically identify is
3 at the user-side.

1 16. A system for automatically printing a hard copy of
2 transaction information relating to a transaction conducted
3 electronically between a user-side and a supplier-side
4 comprising:

5 a controller configured to automatically identify,
6 without reliance on user action, a selected aspect of information
7 regarding said electronic transaction to thereby generate a print
8 request;

9 a communication circuit coupled with said controller
10 for communicating the print request via a local area network;

11 a printer coupled with said controller for printing
12 information regarding said electronic transaction in response to
13 said print request.

1 17. The system for automatically printing of claim 16
2 further comprising:

3 a storage apparatus couple with said controller and
4 configured to store the information regarding said electronic
5 transaction.

1 18. The system for automatically printing of claim 16
2 wherein said controller comprises:

3 a notification unit configured to notify of
4 communication between a user-side and the supplier- side;

5 a monitoring circuit configured to monitor the
6 communication;

7 a recognizing circuit configured to recognize, at the
8 user-side, without reliance on user action, a selected aspect of
9 information regarding the electronic transaction;

10 a print request generator configured to generate, when
11 said selected aspect of information is recognized, a print
12 request to be sent to the printer via the local area network.

1 19. The system for automatically printing of claim 18
2 further comprising:

3 a storage apparatus coupled with said controller and

4 configured to store the information regarding said electronic
5 transaction.

1 (20) A printer for automatically printing, without a need
2 for user action, a hard copy of transaction information relating
3 to a transaction conducted electronically between a user-side and
4 a supplier-side comprising:

5 a receiver for receiving instructions from a
6 controller, wherein said controller automatically identifies,
7 without reliance on user action, a selected aspect of information
8 regarding said electronic transaction, to thereby generate a
9 print request to be sent to the printer; and

10 printing means to print information regarding said
11 electronic transaction in response to the print request.

1 21. The printer apparatus of claim 20 wherein said
2 controller comprises:

3 a notification unit configured to notify of
4 communication between the user-side and the supplier side;

5 a monitoring circuit configured to monitor the
6 communication;

7 a recognizing circuit configured to recognize, at the
8 user-side, without reliance on user action, a selected aspect of
9 information regarding said electronic transaction;

10 a print request generator configured to generate, when
11 said selected aspect of information is recognized, a print

12 request to be sent to the printer.

1 22. A printer for automatically printing, without a need
2 for user action, a hard copy of transaction information relating
3 to a transaction conducted electronically between a user-side and
4 a supplier side comprising:

5 a receiver for receiving instructions from a
6 controller, wherein said controller automatically identifies,
7 without reliance on user action, a selected aspect of information
8 regarding said electronic transaction to thereby generate a print
9 request to be sent to the printer via a local area network; and

10 printing means to print information regarding said
11 electronic transaction information in response to the print
12 request.

1 23. The printer of claim 22 wherein the controller
2 comprises:

3 a notification unit configured to notify of
4 communication between the user-side and the supplier-side;

5 a monitoring circuit configured to monitor the
6 communication;

7 a recognizing circuit configured to recognize, on the
8 user-side, without reliance on user action, a selected aspect of
9 information regarding said electronic transaction;

10 a print request generator configured to generate, when
11 said selected aspect of information is recognized, a print

12 request to be sent to the printing means via the local area
13 network.

FOUO: 12/12/00